Message

Keller, Kaitlin [keller.kaitlin@epa.gov] From:

11/17/2017 8:08:44 PM Sent:

To: Beck, Nancy [Beck.Nancy@epa.gov]

CC: Dourson, Michael [dourson.michael@epa.gov]; Bertrand, Charlotte [Bertrand.Charlotte@epa.gov]

Subject: RE: Chlopyrifos systematic review

Attachments: EPA-HQ-OPP-2008-0316-DRAFT-0075.pdf

Attached.

From: Beck, Nancy

Sent: Friday, November 17, 2017 3:01 PM To: Keller, Kaitlin <keller.kaitlin@epa.gov>

Cc: Dourson, Michael <dourson.michael@epa.gov>; Bertrand, Charlotte <Bertrand.Charlotte@epa.gov>

Subject: Re: Chlopyrifos systematic review

Thanks. Can you send the pdf of the 2016 epi framework. I can't seem to pull it up.

Nancy B. Beck, Ph.D., DABT

Deputy Assistant Administrator, OCSPP

P: 202-564-1273 M: Ex. 6 Personal Privacy (PP) Beck.Nancy@epa.gov

On Nov 17, 2017, at 2:59 PM, Keller, Kaitlin < keller.kaitlin@epa.gov > wrote:

The most recently updated version of OPP systematic review is attached here with the SAP reports.

From: Keller, Kaitlin

Sent: Tuesday, November 14, 2017 5:49 PM

To: Beck, Nancy < beck.nancy@epa.gov < mailto:beck.nancy@epa.gov >>>

Cc: Dourson, Michael dourson.michael@epa.gov; Bertrand, Charlotte <Bertrand.Charlotte@epa.gov<mailto:Bertrand.Charlotte@epa.gov>>

Subject: RE: Chlopyrifos

Nancy,

Attached are the last three Chlorpyrifos SAP reports. Also attached is the 2016 OPP systematic review and an appendix document from the 2012 SAP that I thought looked like a good high level snapshot of the different data.

I'm also about to send 4 additional emails with 1) Columbia studies, 2) CHAMACOS studies, 3) Mt. Sinai studies, 4) other relevant studies.

I'm still working on the other Columbia studies using the same cohort, will have something before the Friday briefing though.

Charlotte & Mike—Let me know if you'd like hard copies and we'll get those to you tomorrow.

Thanks, Kaitlin

From: Beck, Nancy

Sent: Friday, November 10, 2017 2:20 PM

To: Keller, Kaitlin < keller.kaitlin@epa.gov < mailto:keller.kaitlin@epa.gov >>>

Cc: Dourson, Michael <<u>dourson.michael@epa.gov</u><<u>mailto:dourson.michael@epa.gov</u>>>; Bertrand, Charlotte <Bertrand.Charlotte@epa.gov<mailto:Bertrand.Charlotte@epa.gov>>

Subject: Chlopyrifos

Kaitlyn,

Before next weeks briefing can you send us all the key epi studies from the 3 cohorts (Columbia, CHAMACOS, Mt Sinai) that were evaluated as part of the assessment? It would also be helpful if you could send the last 3 SAP reports on different parts of the review where the epi data was used. I think I have all this but my computer access is limited. I won't need printouts as I have them already.

Also, if you have time, if you could do a pub med search to find other studies by Frederica P Perera that used the same cohort to look at health effects of other compounds that would be helpful. This will take looking in the methods sections of the studies you find. If you search on prenatal that will limit further. And then focus on her studies that looked in NY. To start, a list of studies, a description of each cohort and the chemicals and endpoints evaluated would be helpful. Perhaps we have librarians that can assist here?

Thanks.

Sent from my iPhone, please excuse typos.

<2012 Chlorpyrifos SAP Report.pdf>

<2016 Chlorpyrifos SAP Report.pdf>

<2011 Chlorpyrifos SAP.pdf>

<Updated 10x paper for PIDs 12-29-16.docx>

<Appendix 5.pdf>